

NOTES:

1. MATERIAL=
BACKSHELLS - ZINC DIECAST
PULL - MOLDED PLASTIC
2. LENGTH= SEE TABLE
3. ELECTRICAL PERFORMANCE PER SERIAL ATTACH SCSI 1.1
4. PLUG MATES TO RECEPTACLE 75586 SERIES, AND EMI HOUSING ASSY, 74548-0100
5. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

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GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY	1:1	METRIC	
4 PLACES	± ---	± ---		DRAWN BY	DATE	I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG	
3 PLACES	± ---	± ---		KPHILLIPS	2005/28/07		
2 PLACES	± 0.13	± ---		CHECKED BY	DATE		
1 PLACE	± 0.25	± ---		BREED	2005/28/07	MOLEX INCORPORATED	
ANGULAR ±1/2°				APPROVED BY	DATE		
				DDOYE	2005/28/07	DOCUMENT NO.	SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.	SEE CHART	SD-74547-100	1 OF 4
				SIZE	B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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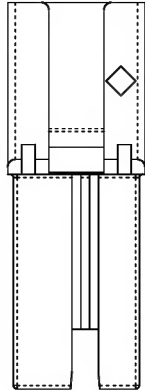
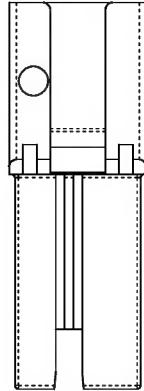
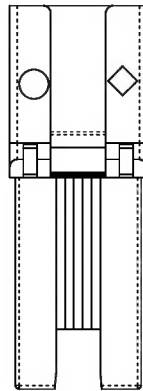
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4

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74547

KEYING IDENTIFIER
SAS4.2
TABLE
ROUTING6.4
SUBSTRUCTIVE
ROUTING6.4.2
UNIVERSAL
KEY

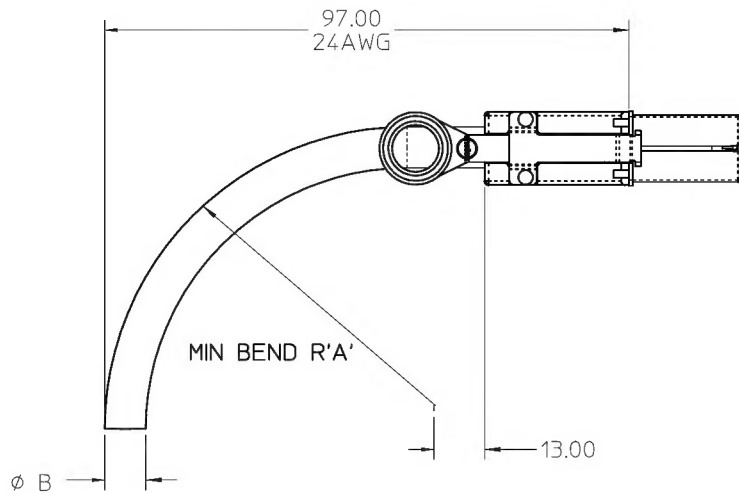
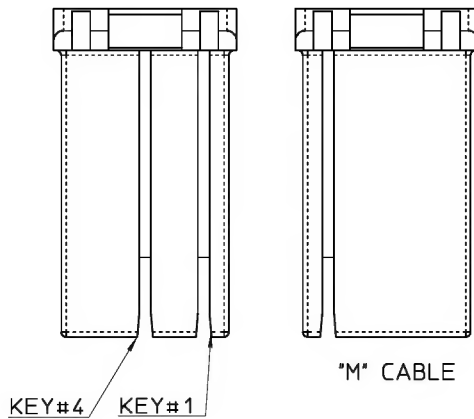
MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
745470101	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470102	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470103	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	2.4	TABLE ROUTING (OUT PORT), SAS
745470104	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	2.4	TABLE ROUTING (OUT PORT), SAS
745470105	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	2.4	TABLE ROUTING (OUT PORT), SAS
745470106	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	2.4	TABLE ROUTING (OUT PORT), SAS
745470107	X4 SAS CABLE ASSEMBLY	24 AWG	7M Δ	±.12	2.4	TABLE ROUTING (OUT PORT), SAS
745470108	X4 SAS CABLE ASSEMBLY	24 AWG	8M Δ	±.12	2.4	TABLE ROUTING (OUT PORT), SAS
745470109	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470110	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470201	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470202	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470203	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470204	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470205	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470206	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470207	X4 SAS CABLE ASSEMBLY	24 AWG	7M Δ	±.12	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470208	X4 SAS CABLE ASSEMBLY	24 AWG	8M Δ	±.12	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470209	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470210	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	4.6	SUBSTRUCTIVE ROUTING (IN PORT), SAS
745470301	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	2.4, 4.6	UNIVERSAL KEY, SAS
745470302	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	2.4, 4.6	UNIVERSAL KEY, SAS
745470303	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	2.4, 4.6	UNIVERSAL KEY, SAS
745470304	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	2.4, 4.6	UNIVERSAL KEY, SAS
745470305	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	2.4, 4.6	UNIVERSAL KEY, SAS
745470306	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	2.4, 4.6	UNIVERSAL KEY, SAS
745470307	X4 SAS CABLE ASSEMBLY	24 AWG	7M Δ	±.12	2.4, 4.6	UNIVERSAL KEY, SAS
745470308	X4 SAS CABLE ASSEMBLY	24 AWG	8M Δ	±.12	2.4, 4.6	UNIVERSAL KEY, SAS
745470309	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	2.4, 4.6	UNIVERSAL KEY, SAS
745470310	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	2.4, 4.6	UNIVERSAL KEY, SAS
745470311	X4 SAS CABLE ASSEMBLY	30 AWG	0.5M	±.03	2.4, 4.6	UNIVERSAL KEY, SAS
745470350	X4 SAS CABLE ASSEMBLY	24 AWG	10M Δ	±.15	2.4, 4.6	UNIVERSAL KEY, SAS
MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
745470119	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470120	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470121	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.06	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470122	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470123	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470124	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)
745470125	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBSTRUCTIVE ROUTING (IN PORT)

Δ - NOT COMPLIANT WITH INSERTION
LOSS SPEC PER SAS 1.1

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ADDED P/N 0311 EC NO: USY2010-0570 DRWN: JERWIN 2010/05/24 CHKD: OSCHOESTER 2010/05/24 APPR: DDOYE 2010/06/08	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY DATE KPHILLIPS 2005/28/07		TITLE		I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG MOLEX INCORPORATED	
		4 PLACES ± --- ± ---		CHECKED BY DATE BREED 2005/28/07					
		3 PLACES ± --- ± ---		APPROVED BY DATE DDOYE 2005/28/07					
2 PLACES ± 0.13 ± ---		1 PLACE ± 0.25 ± ---		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-74547-100		SHEET NO. 2 OF 4			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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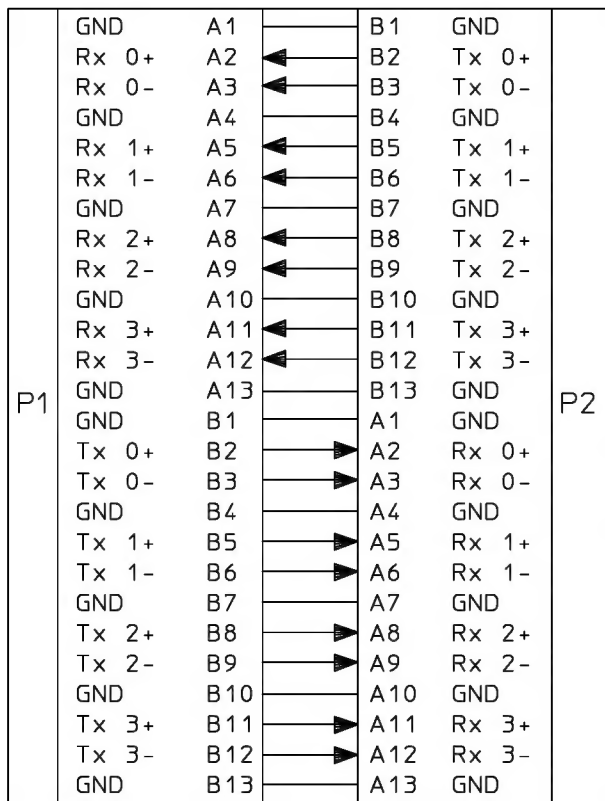
CABLE	A	B
24AWG	41.6	10.40
26AWG	37.2	9.30
28AWG	33.6	8.40

MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
745470001	X4 SATA CABLE ASSEMBLY	28 AWG	1M	±.03	1,4	X CABLE, SATA
745470002	X4 SATA CABLE ASSEMBLY	28 AWG	2M	±.03	1,4	X CABLE, SATA
745470003	X4 SATA CABLE ASSEMBLY	28 AWG	3M	±.06	1,4	X CABLE, SATA
745470004	X4 SATA CABLE ASSEMBLY	28 AWG	4M	±.06	1,4	X CABLE, SATA
745470005	X4 SATA CABLE ASSEMBLY	26 AWG	5M	±.09	1,4	X CABLE, SATA
745470006	X4 SATA CABLE ASSEMBLY	24 AWG	6M	±.09	1,4	X CABLE, SATA
745470007	X4 SATA CABLE ASSEMBLY	24 AWG	7M△	±.12	1,4	X CABLE, SATA
745470008	X4 SATA CABLE ASSEMBLY	24 AWG	8M△	±.12	1,4	X CABLE, SATA
745470009	X4 SATA CABLE ASSEMBLY	28 AWG	0.25M	±.03	1,4	X CABLE, SATA
745470011	X4 SATA CABLE ASSEMBLY	28 AWG	0.5M	±.03	1,4	X CABLE, SATA
745470401	X4 SATA CABLE ASSEMBLY	28 AWG	1M	±.03	7	M CABLE, SATA
745470402	X4 SATA CABLE ASSEMBLY	28 AWG	2M	±.03	7	M CABLE, SATA
745470403	X4 SATA CABLE ASSEMBLY	28 AWG	3M	±.06	7	M CABLE, SATA
745470404	X4 SATA CABLE ASSEMBLY	28 AWG	4M	±.06	7	M CABLE, SATA
745470405	X4 SATA CABLE ASSEMBLY	26 AWG	5M	±.09	7	M CABLE, SATA
745470406	X4 SATA CABLE ASSEMBLY	24 AWG	6M	±.09	7	M CABLE, SATA
745470407	X4 SATA CABLE ASSEMBLY	24 AWG	7M	±.12	7	M CABLE, SATA
745470408	X4 SATA CABLE ASSEMBLY	24 AWG	8M	±.12	7	M CABLE, SATA
745470409	X4 SATA CABLE ASSEMBLY	28 AWG	0.25M	±.03	7	M CABLE, SATA
745470410	X4 SATA CABLE ASSEMBLY	28 AWG	0.5M	±.03	7	M CABLE, SATA

△ - NOT COMPLIANT WITH INSERTION LOSS SPEC PER 1.1.

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ADDED P/N 0311 EC NO: USY2010-0570 Q DRWN: JERWIN 2010/05/24 CHKD: BSCHOESTER 2010/05/24 APPR: DDOYE 2010/06/08	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-74547-100	SHEET NO. 3 OF 4
				mm	INCH																						
			4 PLACES	± ---	± ---																						
			3 PLACES	± ---	± ---																						
			2 PLACES	± 0.13	± ---																						
			1 PLACE	± 0.25	± ---																						
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APPROVED BY DDOYE	DATE 2005/28/07																										
MATERIAL NO.																											
SIZE B																											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									



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Rev. D 2004/06/28